

### **ABSTRACT**

Switching equipment is provided for a communication network, by which the switching equipment (1) is connected via a plurality of connecting paths (9 - 15) to a plurality of adjacent switching equipment units (2, 3). The switching equipment (1) is authorized for allocating a transmission channel and occupying corresponding bandwidth for a few of the connecting paths (9 - 11) when a connection request is present, whereas the correspondingly adjacent switching equipment (2, 3) is authorized for allocating a transmission channel for the other connecting paths (12 - 15). The switching equipment (1) comprises storage (16) that contains bits of information about the resources, which are allocated and occupied by the adjacent switching equipment units (2, 3). When the switching equipment (1) is not able to select a suitable connecting path (9 - 11), for which it is authorized for allocating a transmission channel, the switching equipment (1) on the basis of the bits of information deposited in the storage (16) detects an adjacent switching equipment (2, 3) that is highly likely to be able to allocate sufficient resources for the present connection request.

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